

Panasonic®

Model No.
TX-L42U5E
TX-L32C5E

Operating Instructions LCD Television



VIERA

Thank you for purchasing this Panasonic product.
Please read these instructions carefully before operating this product and retain them for future reference.
The images shown in this manual are for illustrative purposes only.
Please refer to Pan European Guarantee Card if you need to contact your local Panasonic dealer for assistance.

English

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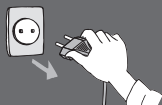
SAFETY PRECAUTIONS

Warning

Handling the mains plug and lead

- Insert the mains plug fully in to the socket outlet. (If the mains plug is loose, it could generate heat and cause fire.)
- Ensure that the mains plug is easily accessible.
- Do not touch the mains plug with a wet hand. This may cause an electrical shock.
- Do not damage the mains lead, damaged lead may cause fire or electrical shock.
 - Do not move the TV with the lead plugged in to a socket outlet.
 - Do not place a heavy object on the lead or place the lead near a high temperature object.
 - Do not twist the lead, bend it excessively or stretch it.
 - Do not pull on the lead. Hold onto the mains plug body when disconnecting the plug.
 - Do not use a damaged mains plug or socket outlet.
 - Ensure TV does not crush the mains lead.

If you find any abnormality, remove the mains plug immediately!



AC 220-240 V
50 Hz



Power source

- This TV is designed to operate on AC 220-240 V, 50 Hz.

Do not remove covers and NEVER modify the TV yourself

- High voltage components may cause serious electrical shock, do not remove the rear cover as live parts are accessible when it is removed.
- There are no user serviceable parts inside.
- Have the TV checked, adjusted or repaired at your local Panasonic dealer.

Do not expose the TV set to direct sunlight and other sources of heat

- Avoid exposing the TV to direct sunlight and other sources of heat.



To prevent the spread of fire, keep candles or other open flames away from this product at all times

Do not expose to rain or excessive moisture

- To prevent damage which might result in electric shock or fire, do not expose this TV to rain or excessive moisture.
- This TV must not be exposed to dripping or splashing water and objects filled with liquid, such as vases, must not be placed on top of or above the TV.

Do not place foreign objects inside the TV

- Do not allow any objects to drop into the TV through the air vents as fire or electrical shock may result.

Do not place the TV on unstable surfaces

- The TV may fall or tip over.

Use only original dedicated pedestal / mounting equipment

- Using an unapproved pedestal or other fixtures may make the TV unstable, risking injury. Be sure to ask your local Panasonic dealer to perform the set up or installation.
- Use approved pedestals / wall-hanging brackets.

Caution

When cleaning the TV remove the mains plug

- Cleaning an energised TV may cause electrical shock.

Remove the mains plug from the wall socket when TV is not in use for a prolonged period of time

- The TV will still consume some power even in the off mode, as long as the mains plug is still connected.
- Remove the mains plug from the wall socket before connecting or disconnecting leads.

Do not expose your ears to excessive volume from the headphones

- Irreversible damage can be caused.

Do not apply strong force or impact to the display panel

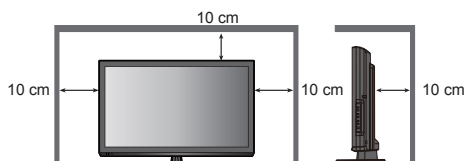
- This may cause damage resulting in injury.

Transport TV set in upright position

Do not block the rear air vents

- Adequate ventilation is essential to prevent failure of electronic components.
- Ventilation should not be impeded by covering the ventilation openings with items such as newspapers, table cloths and curtains.
- We recommend that a gap of at least 10 cm is left all around this television receiver even when placed inside a cabinet or between shelves.
- When using the pedestal, keep the space between the bottom of the TV and the surface where the TV is set. If pedestal is not used, ensure the vents in the bottom of the TV set are not blocked.

Minimum distance



Maintenance

First, remove the mains plug from the socket outlet.

Display panel, Cabinet, Pedestal

Regular care :

Gently wipe the surface of the display panel, cabinet, or pedestal by using a soft cloth to clean the dirt or fingerprints.

For stubborn dirt :

Dampen a soft cloth with clean water or diluted neutral detergent (1 part detergent to 100 parts water). Then wring the cloth and wipe the surface. Finally, wipe away all the moisture.

Caution

- Do not use a hard cloth or rub the surface too hard. This may cause scratches on the surface.
- Take care not to subject the TV's surfaces to water or detergent. Liquid inside the TV could lead to product failure.
- Take care not to subject the surfaces to insect repellent, solvent, thinner or other volatile substances. This may degrade surface quality or cause peeling of the paint.
- The surface of the display panel is specially treated and may be easily damaged. Take care not to tap or scratch the surface with your fingernail or other hard objects.
- Do not allow the cabinet and pedestal to make contact with a rubber or PVC substance for a long time. This may degrade surface quality.

Mains plug

Wipe the mains plug with a dry cloth at regular intervals. Moisture and dust may lead to fire or electrical shock.

Notice for DVB functions

This TV is designed to meet the standards (as of August, 2010) of DVB-T (MPEG2 and MPEG4-AVC(H.264)) digital terrestrial services and DVB-C (MPEG2 and MPEG4-AVC(H.264)) digital cable services.

Consult your local dealer for availability of DVB-T services in your area.

Consult your cable service provider for availability of DVB-C services with this TV.

- This TV may not work correctly with the signal which does not meet the standards of DVB-T or DVB-C.
- Not all the features are available depending on the country, area, broadcaster and service provider.
- Not all CI modules work properly with this TV. Consult your service provider about the available CI module.
- This TV may not work correctly with CI module that is not approved by the service provider.
- Additional fees may be charged depending on the service provider.
- The compatibility with future DVB services is not guaranteed.
- Check the latest information on the available services at the following website. (English only)

<http://panasonic.jp/support/global/cs/tv/>

Panasonic does not guarantee operation and performance of peripheral devices made by other manufacturers; and we disclaim any liability or damage arising from operation and/or performance from usage of such other maker's peripheral devices.

Standard Accessories

☒ Check you have all the items shown.

☐ Remote Control
(TZS00000007A)



☐ Batteries (R03 · AAA)
x 2



TX-L42U5E

☐ Neck and Base



☐ Screws
Screws x 4
(Assembly screws for Base)
Screws x 4
(Assembly screws for Pedestal)



TX-L32C5E

☐ Neck and Base



☐ Screws
Screws x 4
(Assembly screws for Base)
Screws x 2
(Assembly screws for Pedestal)



☐ Power Cord



Attaching the Pedestal

Warning

Do not disassemble or modify the pedestal.

- Otherwise the TV may fall over and become damaged, and personal injury may result.

Caution

Do not use any pedestal other than that provided with this TV.

- Otherwise the TV may fall over and become damaged, and personal injury may result.

Do not use the pedestal if it becomes warped or physically damaged.

- If you use the pedestal while it is physically damaged, personal injury may result. Contact your nearest Panasonic dealer immediately.

During assembly, use only screws supplied and make sure that all screws are securely tightened.

- If sufficient care is not taken to ensure screws are properly tightened during assembly, the pedestal will not be strong enough to support the TV. It might fall over and become damaged and personal injury may result.

Ensure that the TV does not fall over.

- If the TV is knocked or children climb onto the pedestal with the TV installed, the TV may fall over and personal injury may result.

Two or more people are required to install and remove the TV.

- If two or more people are not present, the TV may be dropped, and personal injury may result.

Caution

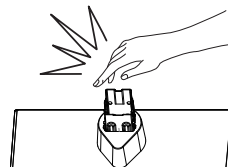
Small object

This product contains possibly dangerous parts that can be breathed in or swallowed by young children accidentally

- Keep the dangerous parts out of reach of young children.

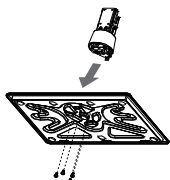


The metal part of stand neck has sharp edges.
Please use caution when handling the pedestal.

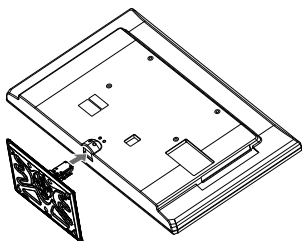


Installing Pedestal (TX-L42U5E)

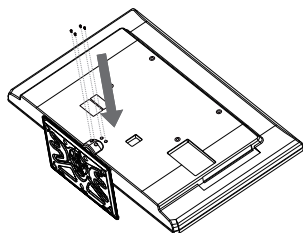
1. Place the LCD TV screen facing down on a flat surface place where maintained with soft materials (such as a blanket) for protecting the display screen.
2. Use four assembly screws to fasten the neck to the base securely.



3. Adjusts the pedestal to the bottom of the TV.

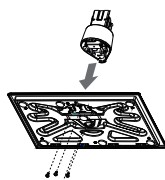


4. Use only the supplied assembly screws to fasten the pedestal securely to the TV.

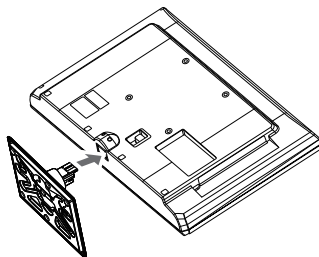


Installing Pedestal (TX-L32C5E)

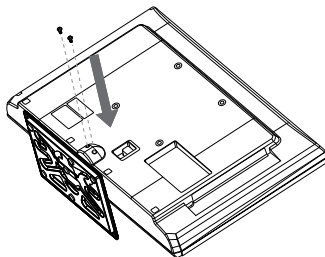
1. Place the LCD TV screen facing down on a flat surface place where maintained with soft materials (such as a blanket) for protecting the display screen.
2. Use four assembly screws to fasten the neck to the base securely.



3. Adjusts the pedestal to the bottom of the TV.

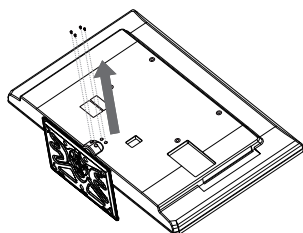


4. Use only the supplied assembly screws to fasten the pedestal securely to the TV.



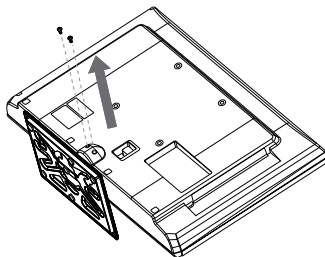
Uninstalling Pedestal (TX-L42U5E)

1. Place the LCD TV screen facing down on a flat surface place where maintained with soft materials (such as a blanket) for protecting the display screen.
2. Remove screws in four holes with screw driver.



Uninstalling Pedestal (TX-L32C5E)

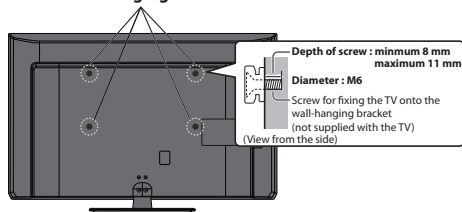
1. Place the LCD TV screen facing down on a flat surface place where maintained with soft materials (such as a blanket) for protecting the display screen.
2. Remove screws in two holes with screw driver.



Wall-hanging (Not supplied)

TX-L42U5E

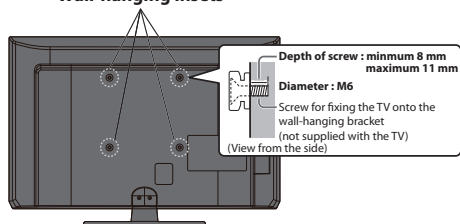
Wall-hanging Insets



TV Size	VESA standard interface
42 inch	200 x 400 mm

TX-L32C5E

Wall-hanging Insets



TV Size	VESA standard interface
32 inch	200 x 200 mm

Wall-hanging bracket (Optional)

Please contact your nearest Panasonic dealer to purchase the recommended optional accessories.

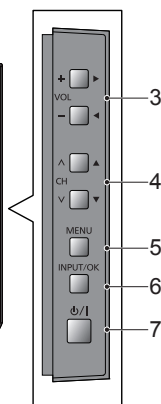
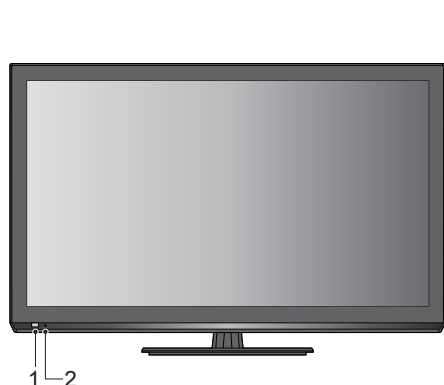
For additional details, please refer to the manual of the optional accessories.

Warning

- Using other wall-hanging brackets, or installing a wall hanging bracket by yourself have the risk of personal injury and product damage. In order to maintain the unit's performance and safety, be absolutely sure to ask your dealer or a licensed contractor to secure the wall-hanging brackets. Any damage caused by installing without a qualified installer will void your warranty.
- Do not mount the unit directly below ceiling lights (such as spotlights, floodlights or halogen lights) which typically give off high heat. Doing so may warp or damage plastic cabinet parts.
- Take care when fixing wall brackets to the wall. Always ensure that there are no electrical cables or pipes in the wall before hanging bracket.
- To prevent fall and injury, remove the TV from its fixed wall position when it is no longer in use.

PART NAMES AND FUNCTIONS

TV Controls/ Indicators



1 Remote Control Signal Receiver

- Do not place any objects between the TV remote control signal receiver and remote control.

2 Power Indicator

Red: Standby

Green: On

Green blink: Receiving a command from the remote control.

3 VOL +/-

- Used to change volume.
- Used to adjust the value of the selected item on On-Screen Menu.

4 CH Δ / ∇

- Used to change channels.
- Used to select item on On-Screen Menu.

5 MENU

- Open or close the On-Screen Menu.

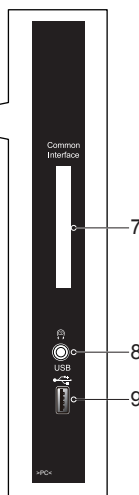
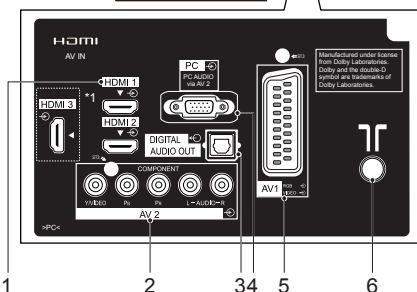
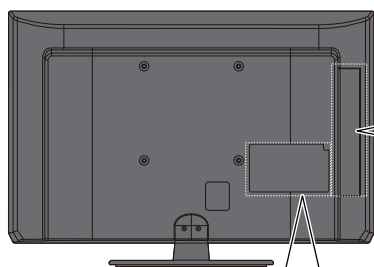
6 INPUT/OK

- Use to select an input source.
- Confirm and enter a selection.

7 ϕ /I (POWER)

- Use to turn the TV On or Off.

TV (Side / Back)



1 HDMI 1/HDMI 2/HDMI 3*1

- Connect all kinds of HDMI output equipment.
- When connecting a DVI device using an HDMI-DVI adapter, connect the device to the HDMI1 jack.

2 AV 2

- Connect video and audio output from video equipment.

3 DIGITAL AUDIO OUT

- Connect an audio amplifier to this jack.

4 PC

- Connect computer outputs to this terminal.
- Connect an audio cable to L/R jacks of AV2 and audio out jack on the computer.

5 AV 1

- Full SCART, which transmits RGB, S-Video and CVBS in, and audio/video out (Analogue only).

6 Aerial Jack

- Connects to TV RF signals (Aerial/CATV).

7 Common Interface

- The Common Interface Module menu provides access to software contained on Common Interface (CI) Modules.

8 Headphone

- Connect a headphone (stereo) to this jack and the TV speaker out will be muted.

9 USB

- Connect USB memory stick to this terminal to play Multimedia.

*1: HDMI 3 is only for TX-L42U5E model.

Note:

The examples used throughout this manual are based on the TX-L32CE5E model.

Connections

Computer Connection

Cable used for connection (This cable is not supplied with this LCD TV.)

- PC/VGA Cable (D-SUB 15pin)
- HDMI Cable
- Audio Cable [L/R]

Note:

When connecting the cable, AC Power Cords of both LCD TV and external equipment should be disconnected from AC outlet. Turn LCD TV and peripheral equipment on before your computer is switched on.

Note:

You can connect the DVI source to HDMI1 input terminal by using the DVI to HDMI converter then connect audio input to PC audio input terminal (L/R jacks of AV2 INPUT).

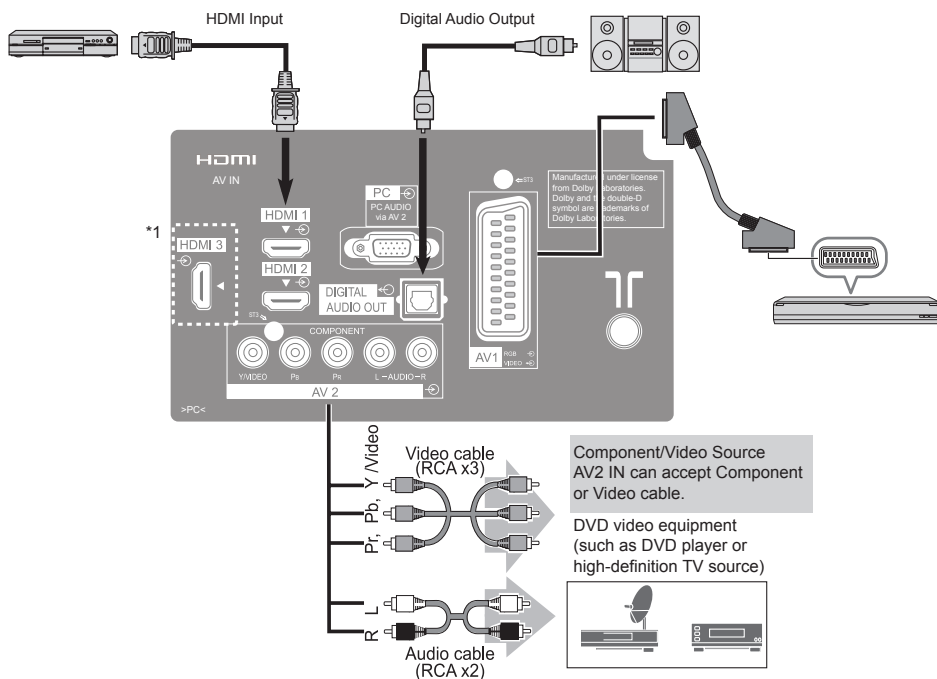
Video Equipment Connection

Cables used for connection (These cables are not supplied with this LCD TV.)

- Component/Video, Audio Cable
- HDMI Cable: HDMI Input

Note:

When connecting the cable, AC Power Cords of both LCD TV and external equipment should be disconnected from AC outlet.



*1: HDMI 3 is only for TX-L42U5E model.

Note:

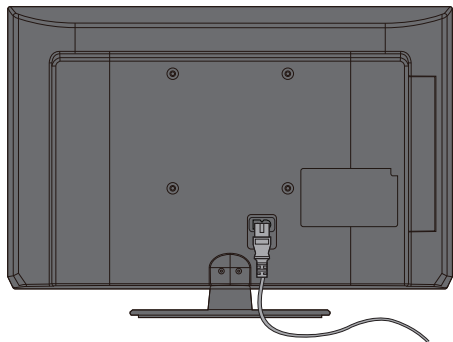
- DIGITAL AUDIO OUT: Connect an audio amplifier to this jack.

AC Power Cord Connection

This LCD TV uses nominal input voltages of 220-240V AC. It is designed to work with single-phase power systems. To reduce risk of electrical shock, do not plug into any other type of power system. Consult your authorised dealer or service station if you are not sure the type of power being supplied. Connect the LCD TV with all peripheral equipment before turning the LCD TV on.

Caution

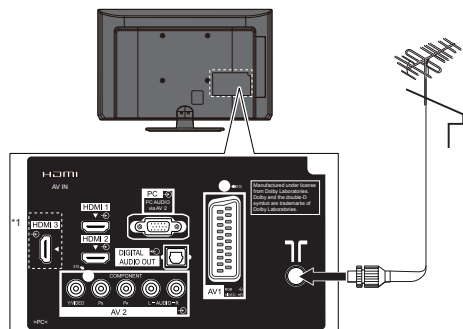
- For safety, unplug AC power cord when the LCD TV is not in use.



Aerial or Cable Connection

Cable used for connection (This Outdoor Aerial cable is not supplied with this LCD TV.)

- Aerial Cable



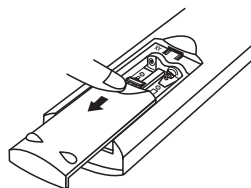
*1: HDMI 3 is only for TX-L42U5E model.

Note:

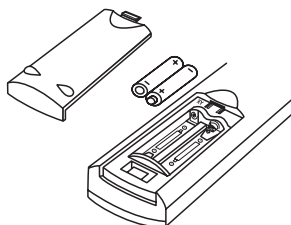
- The examples used throughout this manual are based on the TX-L32C5E model.
- For all aerial circuit problems, please consult your local dealer.

Remote Control Batteries Installation

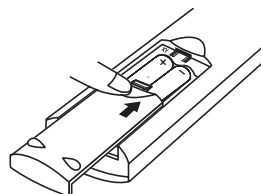
1. Remove the battery compartment cover.



2. Insert two size R03 · AAA batteries (1.5V) according to "+" and "-" polarity markings inside the battery compartment.



3. Close the battery compartment cover.

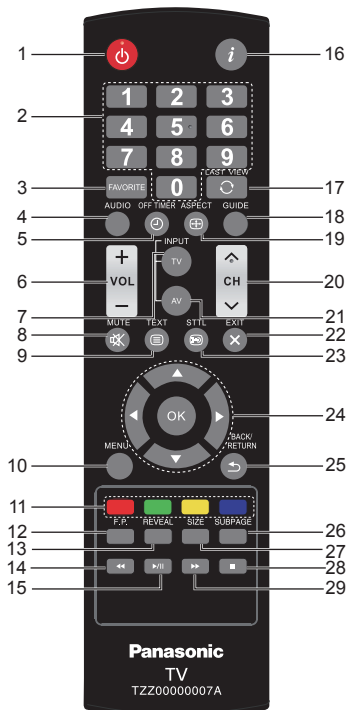


Caution

To insure safe operation, please observe the following precautions:

- Replace two batteries at the same time.
- Do not use a new battery with a used battery.
- Avoid contacting with water or liquid.
- Do not expose the Remote Control or Batteries to moisture, or heat such as sunshine, fire or the like.
- Do not drop the Remote Control.
- If a battery has leaked on the Remote Control, carefully wipe case clean and install new batteries.
- Risk of explosion if battery is replaced by an incorrect type.
- Dispose of used batteries according to the instructions.
- Remote control contains R03 · AAA battery and must be kept out of reach of small children to avoid accidental ingestion.
- Replace only with same or equivalent type. Do not mix different battery types (such as alkaline and manganese batteries).
- Do not use rechargeable (Ni-Cd) batteries.

Remote Control



1 Standby On / Off switch

- Switches TV On or Off standby.

2 Numeric buttons

- Changes channel and teletext pages.

3 FAVORITE

- Open the favourite channel list.

Note:

- Add a channel into the favourite channel list:
 - When you enter a channel, press **FAVORITE** button to open the favourite channel list, then press **OK** to add the selected channel into the favourite channel list.
- View a favourite channel:
 - Press **FAVORITE** button to open the favourite channel list, selects a channel, then press **OK** to enter.
- Remove a favourite channel from the favourite channel list:
 - Press **FAVORITE** button to open the favourite channel list, selects the channel, then press **OK** to enter.
 - Press **FAVORITE** button again to open the favourite channel list, selects the current channel, then press **OK** to remove the channel from the favourite channel list.

4 AUDIO

- Selects multi audio in DVB mode or MPX selection in analogue mode.

5 OFF TIMER

- Sets the time settings of off timer.

6 VOL +/-

- Press to adjust the volume.

7 INPUT (TV)

- Switches to TV input source.

8 MUTE

- Press to mute or restore the sound.

9 TEXT

- Switches to teletext mode.

10 MENU

- Open or close the On-Screen Menu.

11 R/G/Y/B (COLOUR BUTTON)

- Used for the selection, navigation and operation of various functions.

12 F.P. (Favourite Page)

- Opens the favourite page list in teletext mode.

Note:

- Add a teletext page into the favourite page list:
 - When you enter a teletext page, press **F.P.** button to open the favourite page list, then press **OK** to add the selected teletext page into the favourite page list.
- View a favourite page:
 - Press **F.P.** button to open the favourite page list, selects a teletext page, then press **OK** to enter the content.
- Remove a favourite page from the favourite page list:
 - Press **F.P.** button to open the favourite page list, selects the teletext page, then press **OK** to enter the content.
 - Press **F.P.** button again to open the favourite page list, selects the current teletext page, then press **OK** to remove the teletext page from the favourite page list.

13 REVEAL

- Reveal hidden information such as answers to a quiz.

14 ◀◀

- Fast reverse for multi-media playback. (See page 22-23)

15 ▶▶

- Play or pause for multi-media playback. (See page 22-23)

16 i (Information)

- Displays channel and programme information.

17 LAST VIEW

- Switches to previously viewed channel or input mode.

18 GUIDE

- Displays TV Guide.

19 ASPECT

- Changes aspect ratio.

20 CH ^ / v

- Selects channel in sequence.

21 INPUT (AV)

- Opens input source list and switches to video input source.

22 X EXIT

- Returns to the normal viewing screen.

23 STIL

- Displays subtitles.

24 ▲/▼/◀/▶/OK

- Confirms selections and choices.

25 BACK/RETURN

- Returns to the previous menu/page.

26 SUBPAGE

- To select the subpage when the current page contains subpages.

27 SIZE

- Teletext size function key.

28 ■

- Stop for multi-media playback. (See page 22-23)

29 ▶▶

- Fast forward for multi-media playback. (See page 22-23)

Turning On/Off LCD TV

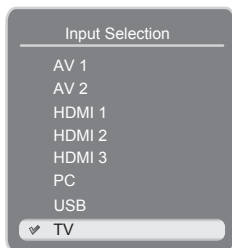
1. Complete the peripheral connections before turning on LCD TV.
2. Connect LCD TV's AC Power Cord into an AC outlet.
3. Press POWER button on Side Control of LCD TV or use Remote Control to turn it ON.
The POWER indicator will light up (green).
4. Press POWER button again to enter stand-by status, the POWER indicator will become red.

Note:

If there is no reaction when you press **(POWER)** on the remote control, press **(POWER)** button on Side Control again to active the TV.

Selecting Input Source

Select mode **AV 1**, **AV 2**, **HDMI 1**, **HDMI 2**, **HDMI 3**^{*1}, **PC**, **USB**, or **TV** by pressing **INPUT(AV)** button of Remote Control or **INPUT/OK** button of Side Control.



*1: HDMI 3 is only for TX-L42U5E model.

ASPECT

Select screen size among "Auto", "4:3", "Zoom 1", "Zoom 2", "16:9" by pressing **ASPECT** button on Remote Control.



[Auto]

The optimum size and aspect can be chosen automatically, and you can enjoy finer images.



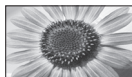
[4:3]

Displays the image at the standard 4:3 without distortion.



[Zoom 1]

Scales the classic 4:3 format to 14:9.



[Zoom 2]

Scales the classic 4:3 format to 16:9.



[16:9]

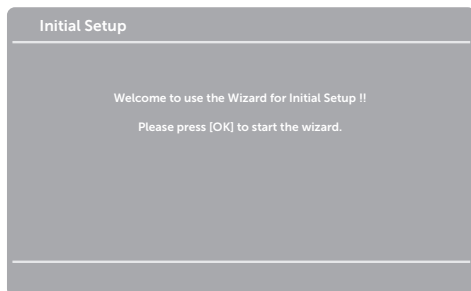
Directly displays the image at 16:9 without distortion (anamorphic).

Note:

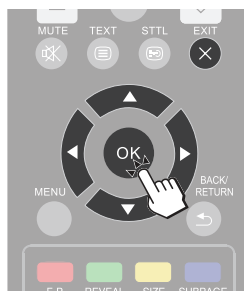
[Auto] mode determines the best aspect ratio to fill the screen. It does this using a three step process (WSS, Control signal through SCART / HDMI terminal) to determine.

Initial Setup

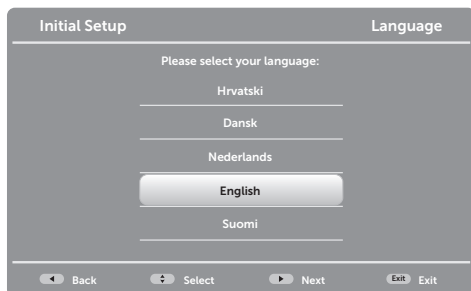
1 Initial Setup <On-Screen>



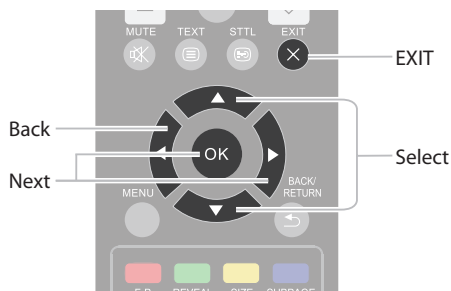
<Remote / Operation>



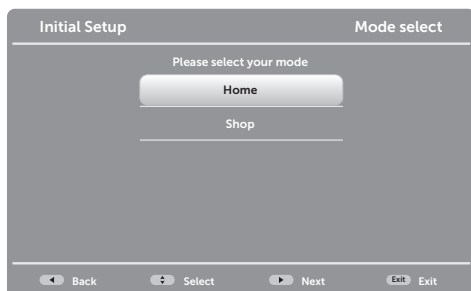
2 Language Setting <On-Screen>



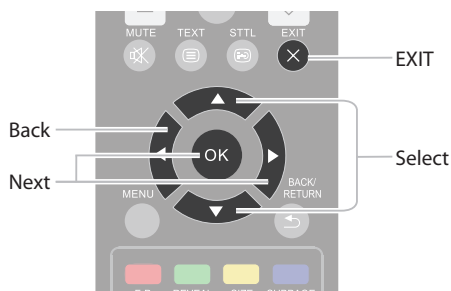
<Remote / Operation>



3 Mode Select (TV location setting) <On-Screen>



<Remote / Operation>

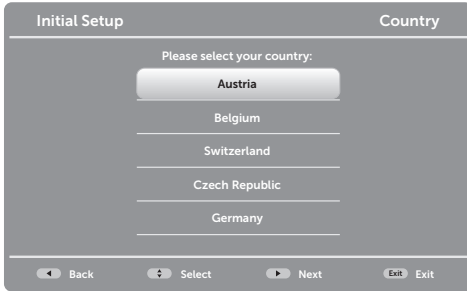


Note:

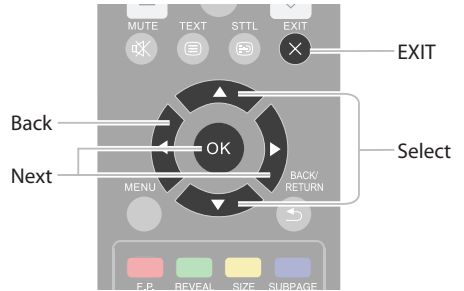
- If you selected **Shop**, a message appears "Are you sure ?". Select **Yes** to continue, or select **No** to change your selection.
 - Select **Home** viewing environment to use in your home environment.
- Shop** viewing environment is the demonstration mode to explain main features of this TV.
To change viewing environment later on, you will need to initialise all settings by accessing **Shipping Condition**.

Initial Setup

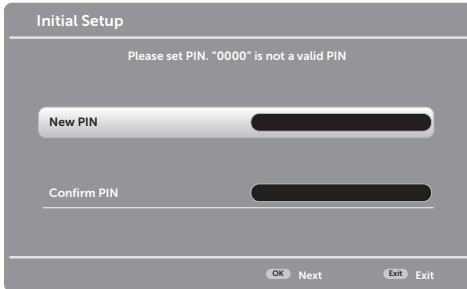
4 Country Setting <On-Screen>



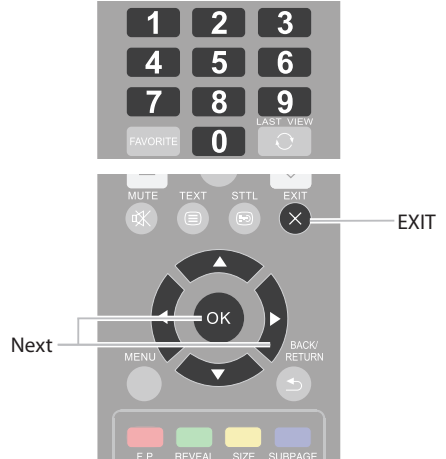
<Remote / Operation>



5 PIN Setting <On-Screen>



<Remote / Operation>

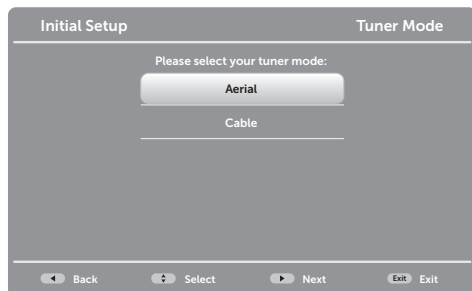


Note:

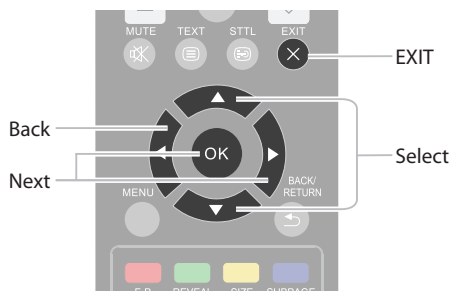
PIN Setting screen is only for selected countries.

Initial Setup

6 Tuner Mode Setting <On-Screen>



<Remote / Operation>



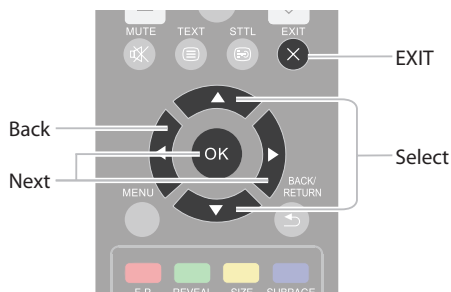
Note:

- When selecting **Aerial**, go to step 9 to start channel scan.
- When selecting **Cable**, the Scan Mode configuration screen will appear.

7 Select Operator <On-Screen>



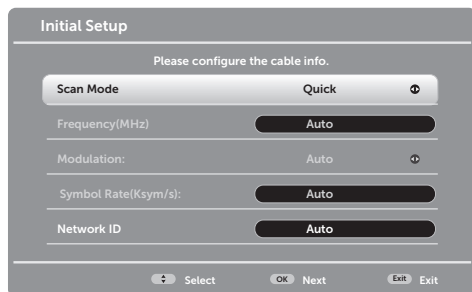
<Remote / Operation>



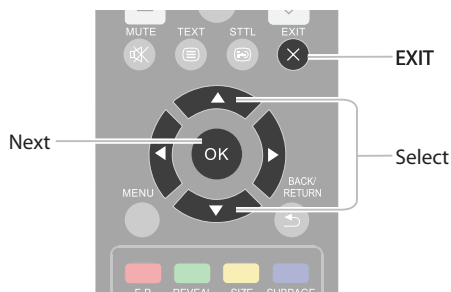
Note:

Operator screen is only for selected countries.

8 Scan Mode configuration <On-Screen>

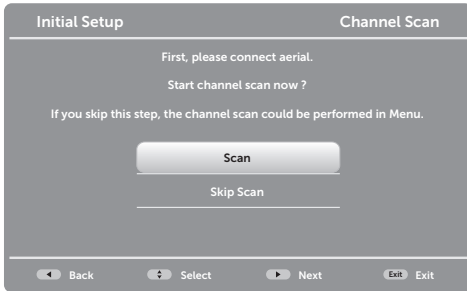


<Remote / Operation>

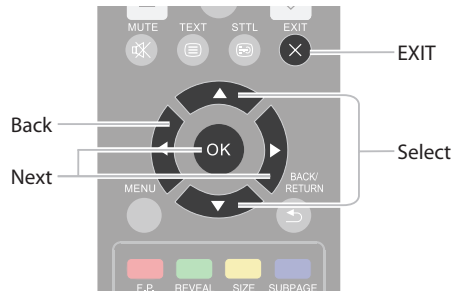


Initial Setup

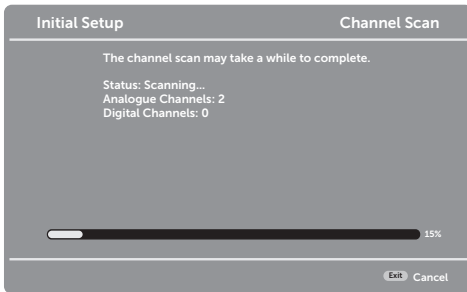
9 Channel Scan <On-Screen>



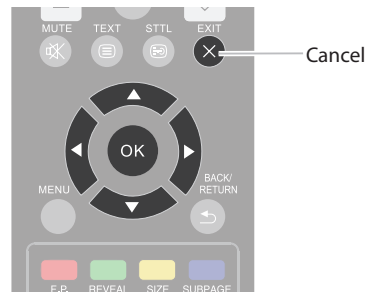
<Remote / Operation>



10 Search for channels <On-Screen>



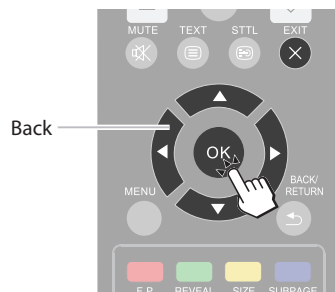
<Remote / Operation>



11 Initial setup completed <On-Screen>

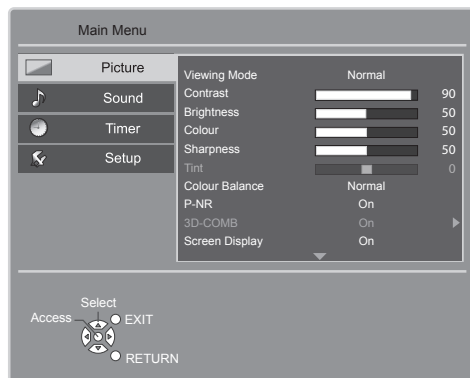


<Remote / Operation>



On-Screen Display

Picture



1. Press **MENU** button and **▲▼** buttons to select "Picture", the Picture menu will be displayed.
2. Press **OK** button to enter Picture menu.
3. Press **▲▼** buttons to select item desired.
4. Press **◀▶** buttons to adjust value.
5. Press **⏮** **BACK/RETURN** button to return the previous menu.
6. Press **⏭** **EXIT** button to exit menu operation.

Viewing Mode

- Basic picture mode **Dynamic/Normal/Cinema/User/Game**.

Dynamic

- Provides enhanced picture contrast and sharpness when viewing in a bright room.
- For indoor lighting conditions, change Colour Balance setting to **Normal** or **Warm** for best picture viewing.

Normal

- Recommended for viewing under normal ambient room lighting conditions.

Cinema

- For watching movies in a darkened room with the improved performance of contrast, black and colour reproduction.

User

- Sets the settings for your preferred.

Game

- Fast response signal specifically to provide suitable images for playing games.

Contrast

- Increases or decreases the levels of contrast according to your personal preference. (0~100)

Brightness

- Increases or decreases the levels of brightness according to your personal preference. (0~100)

Colour

- Increases or decreases the levels of colour according to your personal preference. (0~100)

Sharpness

- Increases or decreases the levels of sharpness according to your personal preference. (0~100)

Tint

- With an NTSC signal source connected to the TV, the picture hue can be adjusted to suit your taste. (-50~50)
- For NTSC signal reception only.

Colour Balance

- Allows you to set the overall colour tone of the picture **Cool/Normal/Warm**.
- For indoor lighting conditions, change Colour Balance setting to **Normal** or **Warm** for best picture viewing.

P-NR

- Enables or disables P-NR (Picture Noise Reduction)
- Automatically reduces unwanted picture noise and flicker noise in the contoured parts of a picture.

3D-COMB

- Makes still or slow moving pictures look more vivid.
- For CVBS signal reception only.

Screen Display

- Turns the screen On or Off.
- Press any buttons (except Standby) to turn the screen on.
- The sound is active even if the screen turns off.
- This function is effective in reducing power consumption when listening to the sound without watching the TV screen.

Advanced Settings

- Provides various advanced settings for improving the picture quality.

16:9 Overscan

- Selects the screen area displaying the image.
 - **On**: Enlarges the image to hide the edge of the image.
 - **Off**: Displays the image in the original size.

AV Colour System

- Selects optional colour system based on video signals in AV mode **Auto/PAL/SECAM/M.NTSC/NTSC**.
- For AV input source only.

Adaptive Brightness

- Automatically adjusts the brightness and contrast after analysing the input signal. This function enriches the colours and the depth of the picture.

Dynamic Back Light

- Automatically optimises the backlight levels for dark scenes.

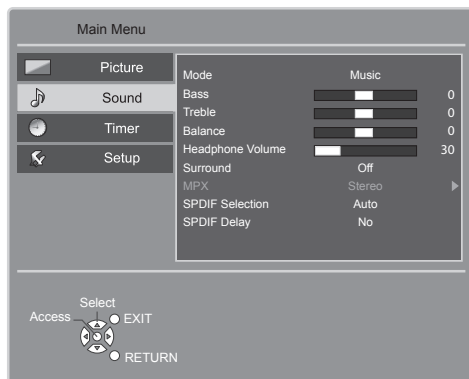
DVI Input Settings

- Changes the black level in the image for HDMI input mode with DVI input signal manually.
- For HDMI terminal with DVI input signal only.

3:2 Pulldown

- Automatically detects a film-based source (originally encoded at 24 frames/second), analyses it then recreates each file frame for high-definition picture quality.
- 3:2 pulldown function is selectable when channel display shows an input resolution of 576i, 480i, or 1080i.

Sound



1. Press **MENU** button and **▲▼** buttons to select "Sound", the Sound menu will be displayed.
2. Press **OK** button to enter Sound menu.
3. Press **▲▼** buttons to select item desired.
4. Press **►◀** buttons to adjust value.
5. Press **BACK/RETURN** button to return the previous menu.
6. Press **EXIT** button to exit menu operation.

Mode

- Selects the basic sound mode **Music/Speech**.

Music

- Optimise sound quality for watching music videos, etc.

Speech

- Optimise sound quality for watching news, drama, etc.

Bass

- Increases or decreases level to enhance or minimise lower, deeper sound output. (-14~14)

Treble

- Increases or decreases level to enhance or minimise sharper, higher sound output. (-14~14)

Balance

- Adjusts volume level of right and left speakers. (-50~50)

Headphone Volume

- Adjusts the volume of the headphones. (0~100)

Surround

- Enriches (expanding and deepening) the sound quality.

MPX

- Selects multiplex sound mode (if available).
- For analogue mode only.

SPDIF Selection

- SPDIF: A standard audio transfer file format
- Selects the initial setting for digital audio output signal from DIGITAL AUDIO OUT terminal.

Auto

- Outputs Dolby Digital (if available) or default audio source to DIGITAL AUDIO OUT terminal.
- If the audio is recorded in Dolby Digital, the output from DIGITAL AUDIO OUT terminal will be Dolby Digital.

PCM

- Outputs PCM format to DIGITAL AUDIO OUT terminal.

SPDIF Delay

- Adjusts the delay time of the sound output from DIGITAL AUDIO OUT terminal if the sound does not synchronise the image.

HDMI1 input

- Selects an input way of audio signal.
- For HDMI1 terminal only.

Digital

- Selects **Digital** to input audio signal from HDMI terminal.

Analogue

- Selects **Analogue** to input audio signal from L/R jack of AV2 INPUT.

Audio Description

- For TV input source only.

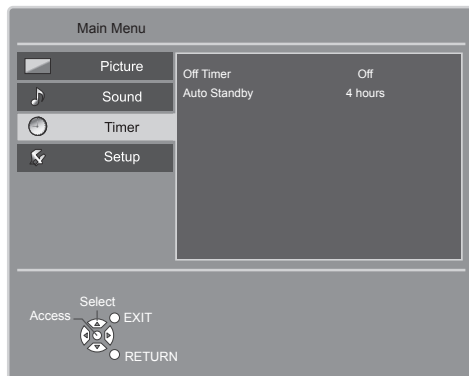
Audio Description

- **Normal:** Sets regular audio only.
- **Hard of Hearing:** Sets the mix of hearing impaired audio with regular audio.
- **Visually Impaired:** Sets the mix of visually impaired audio with regular audio.

Volume

- Adjusts the volume for Audio Description. (0~100)

Timer



1. Press **MENU** button and **▲▼** buttons to select "Timer", the Timer menu will be displayed.
2. Press **OK** button to enter Timer menu.
3. Press **▲▼** buttons to select item desired.
4. Press **◀▶** buttons to adjust value.
5. Press **⏮ BACK/RETURN** button to return the previous menu.
6. Press **⏹ EXIT** button to exit menu operation.

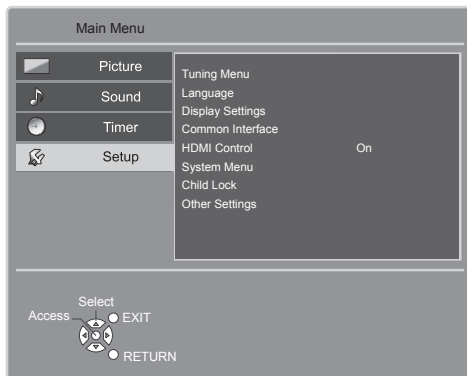
Off Timer

- Sets the time until the TV automatically goes to Standby mode.

Auto Standby

- Makes non-watched or non-used connected equipment go into Standby mode to reduce the power consumption.

Setup



1. Press **MENU** button and **▲▼** buttons to select "Setup", the Setup menu will be displayed.
2. Press **OK** button to enter Setup menu.
3. Press **▲▼** buttons to select item desired.
4. Press **◀▶** buttons to adjust value.
5. Press **⏮ BACK/RETURN** button to return the previous menu.
6. Press **⏹ EXIT** button to exit menu operation.

PC Setup

- For PC input source only.

Input Resolution

- Options change depending on signals.

Clock

- Sets to the minimum level if noise occurs.

H-pos

- Adjusts horizontal position.

V-pos

- Adjusts vertical position.

Clock Phase

- Eliminates flicker and distortion.

Auto Adjustment

- Automatically adjusts the image settings such as position and phase.

Tuning Menu

Tuner Mode

- Selects **Aerial** or **Cable**.

Operator

- Depends on the countries.

Auto Setup

- Automatically sets the channels.

Update Channel List

- Updates channel list without erasing the original information.
- Only available when Tuner Mode is set to Aerial.

Single RF Scan

- Scans single RF channels and checks the signal condition.

Analogue Manual Scan

- Searches and stores analogue TV channels manually.
- For TV mode only.

Note:

TV will store scanned channels, even if the scanning for channels have not completed.

Favourite Network Select

- For Norway only.

Channel Skip

- Skips one or more channels when using remote control to switch between channels.

Channel Sort

- Reorders the channels in the programme list.

Channel Edit

- Edits the channel number or the channel name.

Decoder

- Decoders that decode channels can be connected to SCART terminal.
- For analogue TV mode only.
- For France only.

Fine Tuning

- Fine-tunes analogue channels manually when the reception is poor.

Clean Channel List

- Cleans all the current TV channels.

Language

OSD Language

- Changes language for on screen displays.

Preferred Audio 1 / Preferred Audio 2

- Selects the first and second preferred language for DVB multi audio (depending on the broadcaster).

Preferred Subtitle 1 / Preferred Subtitle 2

- Selects the first and second preferred language for DVB subtitles (depending on the broadcaster).

Preferred Teletext

- Selects the preferred language for DVB teletext service (depending on the broadcaster).

Display Settings

Preferred Subtitle Type

- Selects the preferred subtitle type.
 - **Standard:** Provides preset subtitles (depending on the broadcaster).
 - **Hearing Impaired:** Provides aids in understanding and enjoyment with DVB subtitles (depending on the broadcaster).

Teletext Character Set

- Selects teletext language.

Banner Display Timeout

- Sets how long the Information banner stays on screen.

Common Interface

- Uses include to watch encrypted channels.

HDMI Control

First, please connect your TV to a HDMI compliant device.

- TV will be turned on and display the previous viewed input source, when the connected HDMI compliant device is switched on.
- Connected HDMI compliant device will be switched to standby when TV turns to standby mode.

SCART

- For AV1 (SCART) input source only.

Auto

- Detects CVBS, RGB or S-Video automatically.

Mix

- Mix CVBS and RGB signals.

RGB

- RGB signal is displayed.

Composite

- Composite signal is displayed.

S-Video

- S-video input is displayed.

System Menu

Shipping Condition

- Resets all settings, for example, when moving house.

OAD

- Turns OAD function **On** or **Off**.

Auto Download

- Downloads new software by air automatically.

Auto Install

- Installs new software automatically

Manual OAD

- Upgrades software by air manually.

System Information

- Displays the system information of this TV.

Software License

- Displays the software license information of this TV.

Child Lock

- Locks a channel / AV input to prevent access to it.
- When the locked channel / input is selected, a message appears; you need to enter the PIN number to watch the restricted content.

PIN

- You need to enter the PIN when you access locked channel or inputs.

Channel Block

- Prevents children from watching certain channels.

Time Interval Lock

- For Norway only.

Parental Rating

- Prevents children from watching certain TV programmes according to the age rating.

Input Block

- Disables the specific external input signals.

Change PIN

- Change the 4-digit parental control PIN.

Clear All

- Cleans child lock settings.

Other Settings

Power Save

- Reduces brightness of picture to economise on power consumption.

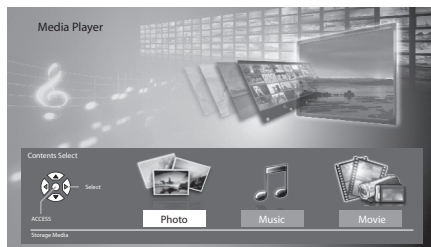
Time Zone

- Adjusts the time data.
- The time data will be corrected based on GMT.

Country Region ID

- For Spain and Portugal only.

Media Player



1. Inserts the USB storage device to the USB port on the TV.
2. Press **INPUT(AV)** button, and the input source list will be displayed.
3. Press **▲/▼** to select **USB**, and press **OK** button to enter multi-media content.

Note:

- Partition: FAT32, Not support NTFS format.
(FAT32—Max Partition Size: 32GB, Max File Size: 4GB)
- Some of the USB storage devices may not be compatible with this TV, please try another USB storage devices.
- See page 27 for USB storage device compatibility.

Photo







- Thumbnail Index/Single View

Buttons	Description
Red	• Play slideshow.
Green	• Selects viewing type.
Yellow	• Selects Photo, Music, or Movie
Blue	• Opens option menu.
i (Information)	• Display file information.
▲/▼/◀/▶	• Selects photos.
◀◀	• Go to the previous photo.
▶▶	• Play slideshow.
■	• Return to the thumbnail photo index.
▶▶	• Go to the next photo.







- Playing Slideshow

Buttons	Description
Blue	• Opens option menu.
◀◀	• Go to the previous photo.
▶▶	• Pause slideshow and display single view of the photo.
■	• Stop slideshow and return to the thumbnail photo index.
▶▶	• Go to the next photo.

Music

Buttons	Description
Blue	• Opens option menu.
Yellow	• Selects Photo, Music, or Movie.
 (Information)	• Display file information.
	• Selects musics.
	• Rewind the selected music.
	• Play or pause the selected music.
	• Stop the selected music and return to the thumbnail music index.
	• Fast forward the selected music.

Movie

Buttons	Description
Blue	• Opens option menu.
Yellow	• Selects Photo, Music, or Movie.
 (Information)	• Display file information.
	• Selects videos.
	• Rewind the selected movie
	• Play or pause the selected movie.
	• Stop the selected movie and return to the thumbnail movie index.
	• Fast forward the selected movie.

Option List

- In multi-media menu, you can press Blue colour key to select one of following options.

Viewing photos

- Transition Effect
- Photo Size
- Interval
- Repeat

Playing music

- Repeat

Playing movies

- Multi Audio
- Subtitle
- Aspect Change
- Repeat
- Viewing Mode

TROUBLESHOOTING

Before calling your dealer or service centre for assistance, check the matters below once again.

1. Make sure you have connected LCD TV to your equipment.
2. Check cable connection. Verify that all external equipment and power cords are properly connected.
3. Verify that all power is switched on.
4. If LCD TV still does not produce an image, re-start the external equipment.
5. If the image still does not appear, unplug LCD TV from the external equipment and check the external equipment. The problem may be with your graphics controller rather than with LCD TV. (When you reconnect LCD TV, remember to turn the external equipment and TV off before you power up LCD TV. Power the equipment back on in order of LCD TV and external equipment.)
6. If the problem still exists, check the following chart.

Problem	Try these Solutions
NO POWER	<ul style="list-style-type: none"> ● Plug this LCD TV into the AC outlet. ● Press POWER button on side control or on Remote Control to turn on LCD TV. ● Check POWER Indicator. If this indicator no light, this TV has getting trouble.
Remote Control does not work	<ul style="list-style-type: none"> ● Check the batteries. ● Make sure nothing is between the Remote Receiver and the Remote Control. ● Make sure you are not too far from LCD TV when using Remote Control. ● Maximum operating range is (7m and a 30 degree angle of the front of the TV). ● Is direct sunlight or strong artificial light shining on LCD TV's Infrared Remote Receiver? Eliminate the light by closing curtains, pointing the light in a different direction, etc. ● A dedicated remote control is required for this model. Basically, the remote control of other brands (including Panasonic other models) cannot be used.
No image	<ul style="list-style-type: none"> ● Check the connection between the external equipment and LCD TV. ● When turning LCD TV on, it takes a few seconds to display the image. ● Check the system that you select is corresponding with the external equipment or the video equipment. ● Make sure the temperature is not out of the Operating Temperature (0°C ~ 35°C). ● Turn off power, then turn on again, re-start LCD TV.

Problem	Try these Solutions
No sound	<ul style="list-style-type: none"> ● Check Audio cable connection from Audio input source. ● Adjust the Sound System. ● Press VOLUME (+) button. ● Press MUTE button.
There are tiny black points and/ or bright point on the TV	<ul style="list-style-type: none"> ● Dark or bright points of light (red, green, or blue) may appear on the screen. This is a characteristic of the LCD panel, not a malfunction of the LCD TV. ● LCD panel is produced with very high accuracy technology. There is 99.99% or more dot pixel, but there is also 0.01 % or less of dot pixel lack or dot pixel that is constantly lighted. This is not defect. ● Regarding LCD panel characteristic, it may occur picture remain (look like a mirror) when the screen is changed if it displays same screen for a long time. Changing the picture or turn-off the power supply may recover. ● Stripe pattern (more, interference stripes) may show up on the screen depends on the reflected picture.
Abnormal colour of image	<ul style="list-style-type: none"> ● Adjust the value of colour.

Warning

High voltages are used to operate this LCD TV. Do not attempt to open the cabinet.

If the problem still persists after following all operating instructions, contact the sales dealer where you purchased LCD TV or the service centre. Give the model number and explain the difficulty. We will advise you how to obtain service.

SPECIFICATIONS

		TX-L32C5E	TX-L42U5E
Power Source		AC 220-240 V, 50Hz	
Energy efficiency class		C	C
On mode average power consumption		74 W	124 W
Annual energy consumption^{*1}		108 kWh	181 kWh
Rated Power Consumption		105 W	181 W
Standby Power Consumption^{*2}		0.3 W	0.3 W
Dimensions (W × H × D)		With Pedestal: 779 mm × 547 mm × 230 mm Without Pedestal (TV only): 779 mm × 495 mm × 128 mm	With Pedestal: 1,012 mm × 677 mm × 270 mm Without Pedestal (TV only): 1,012 mm × 626 mm × 123 mm
Mass		With Pedestal: 10.5 kg Without Pedestal (TV only): 9.5 kg	With Pedestal: 15.5 kg Without Pedestal (TV only): 13.5 kg
Display panel	Aspect Ratio	16:9	
	Visible screen size	697.7 mm (W) × 392.3 mm (H) 80 cm / 32 inches (diagonal)	930.2 mm (W) × 523.3 mm (H) 107 cm / 42 inches (diagonal)
	Number of pixels	1,049,088 (1,366 (W) × 768 (H))	2,073,600 (1,920 (W) × 1,080 (H))
Sound	Speaker	(100 mm × 27 mm × 27 mm) × 2, 16 Ω	
	Audio Output	10 W (5 W + 5 W), 10% THD	16 W (8 W + 8 W), 10% THD
	Headphones	3.5mm stereo mini Jack × 1	3.5mm stereo mini Jack × 1
Receiving System		DVB-T/C PAL SECAM	
Channel Coverage		Low band : 47MHz~146MHz Mid band : 146MHz~430MHz High Band: 430MHz~862MHz	
Aerial input		VHF / UHF	
Operating Conditions		Temperature : 0 °C - 35 °C Humidity : 20 % - 80 % RH (non-condensing)	

*1: Energy consumption XYZ kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.

*2: When the TV is turned off with the remote control and no function is active.

Input Signal Compatibility Chart

COMPONENT (Y, PB, PR), HDMI

Signal name	COMPONENT	HDMI
525 (480) / 60i, 60p	○	○
625 (576) / 50i, 50p	○	○
750 (720) / 60p, 50p	○	○
1,125 (1,080) / 60i, 50i	○	○
1,125 (1,080) / 60p, 50p, 24p		○

○ Mark : Applicable input signal

PC (from D-sub terminal/ HDMI terminal)

Signal name	Horizontal frequency (kHz)	Vertical frequency (Hz)
640 × 400 @70 Hz	31.47	70.08
640 × 480 @60 Hz	31.47	59.94
640 × 480 @75 Hz	37.50	75.00
800 × 600 @60 Hz	37.88	60.32
800 × 600 @75 Hz	46.88	75.00
800 × 600 @85 Hz	53.67	85.08
1,024 × 768 @60 Hz	48.36	60.00
1,024 × 768 @70 Hz	56.48	70.07
1,024 × 768 @75 Hz	60.02	75.03
1,024 × 768 @85 Hz	68.68	85.00
1,280 × 768 @60 Hz	47.78	59.87
1,280 × 1,024 @60 Hz	63.98	60.02
1,366 × 768 @60 Hz	48.39	60.04
Macintosh13" (640 × 480)	35.00	66.67
Macintosh16" (832 × 624)	49.73	74.55
Macintosh21" (1,152 × 870)	68.68	75.06

Applicable input signal for PC is basically compatible to VESA standard timing
Applicable input signal for PC is basically compatible to HDMI standard timing

Note:

- Signals other than above may not be displayed properly.
- The above signals are reformatted for optimal viewing on your display.
- PC signal is magnified or compressed for display, so that it may not be possible to show fine detail with sufficient clarity.
- Only HDMI 1 supports PC/DVI (co-use R/L of YPbPr RCA jack for DVI mode audio input).

Multi-media Supported Specification

Photo

Format	File extension	Image resolution (pixel)	Details / Restrictions
JPEG	.jpeg	Baseline jpeg: 4 x 4 to 17,000 x10,000 Progressive jpeg: 4 x 4 to 4,000 x 4,000	DCF*1 and EXIF*2 standards Sub-sampling : 4:4:4, 4:2:2, 4:2:0

*1 : Design rule for Camera File system - unified standard established by Japan Electronics and Information Technology Industries Association (JEITA)

*2 : Exchangeable Image File - image file format used by digital cameras

Music

Codec	File extension	Restrictions
MP3	.mp3	–
AAC	.m4a	–
WMA	.wma	WMA lossless/WMA Pro are not supported.

Movie

Container	File extension	Video codec	Audio codec
AVCHD	.mts	H.264 BP/MP/HP	Dolby Digital
AVI	.avi	H.264 BP/MP/HP MPEG 4	MP3, MPEG1 Layer1/2, Dolby Digital, AAC, HE-AAC
ASF	.asf .wmv	Windows Media Video v9/VC-1	Windows Media Audio v8, MP3
MKV	.mkv	H.264 BP/MP/HP	MP3, MPEG1 Layer1/2, Dolby Digital, AAC, HE-AAC
MP4	.mp4 .m4v	H.264 BP/MP/HP	MP3, AAC, HE-ACC
TS	.ts .tp	H.264 BP/MP/HP MPEG 2	Dolby Digital, Dolby Digital Plus, MP3, AAC, HE-AAC
PS	.mpg .mpeg	MPEG 1/MPEG 2	Dolby Digital, MPEG1 Layer1/2, AAC, DVD LPCM
FLV	.flv .f4v	H.264 BP/MP/HP	MP3, AAC, HE-AAC
3GPP	.3gp	H.264 BP/MP/HP MPEG 4	AAC, HE-AAC

Note:

- Some files may not be played back even if they fulfill these conditions.
- Do not use two-byte characters or other special codes for data.
- The card may become unusable with this TV if the file or folder names are changed.

LICENSE

This product incorporates the following software or technology:

- (1) the software based in part on the work of the Independent JPEG Group,
- (2) the software developed by the Free Type Project.

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Information for Users on Collection and Disposal of Old Equipment and used Batteries



These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste. For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC and 2006/66/EC.

By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.



For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

[Information on Disposal in other Countries outside the European Union]

These symbols are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

Note for the battery symbol (bottom two symbol examples) :

This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.



Cd



Declaration of Conformity (DoC)

Authorised Representative :

Panasonic Testing Centre

Panasonic Marketing Europe GmbH

Winsbergring 15, 22525 Hamburg, Germany

Customer's Record

The model number and serial number of this product may be found on its rear panel. You should note this serial number in the space provided below and retain this book, plus your purchase receipt, as a permanent record of your purchase to aid in identification in the event of theft or loss, and for Warranty Service purposes.

Model Number

Serial Number

Panasonic Corporation

Web Site : <http://panasonic.net>